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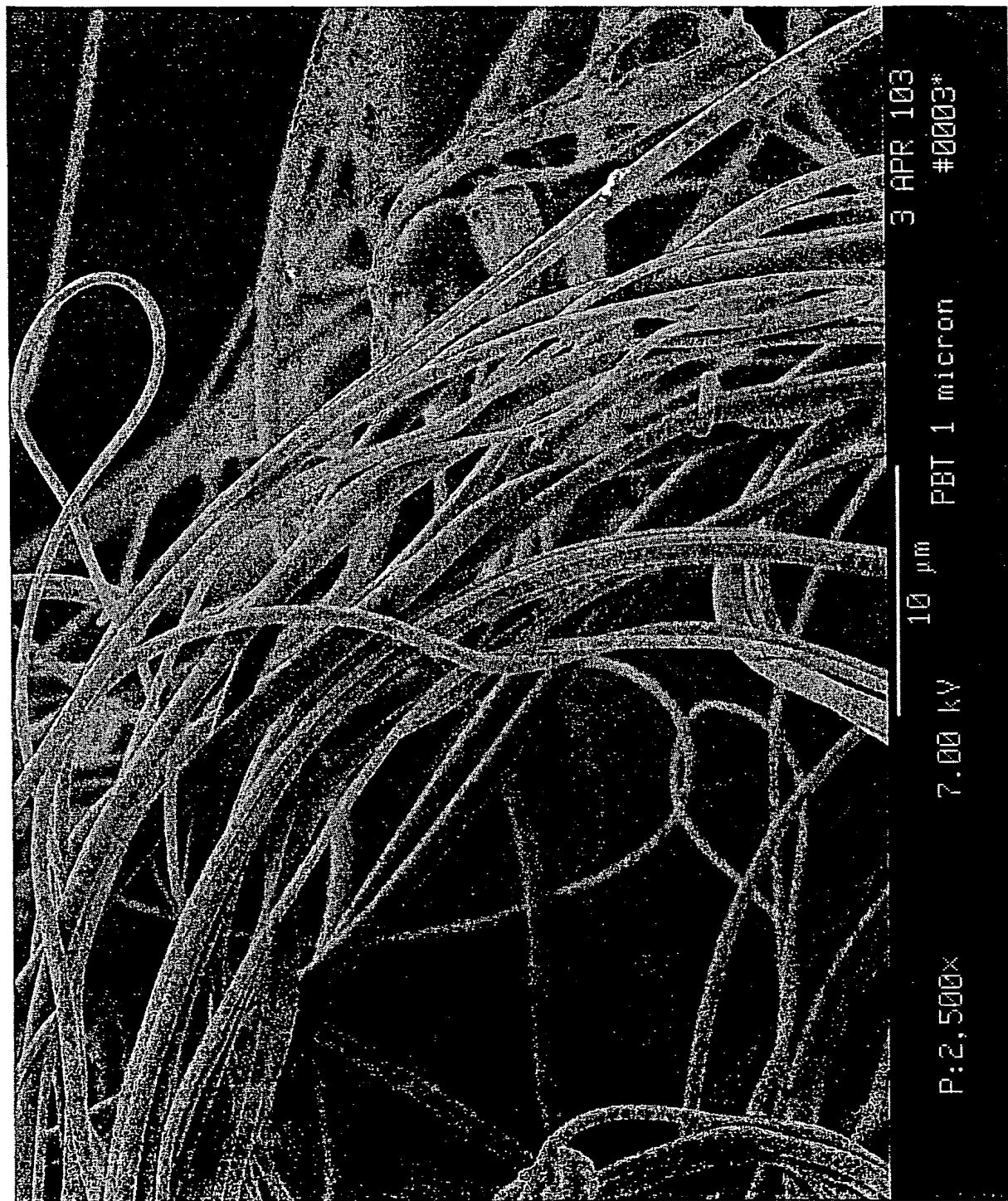


FIG. 1

/ micron PBT Fibers

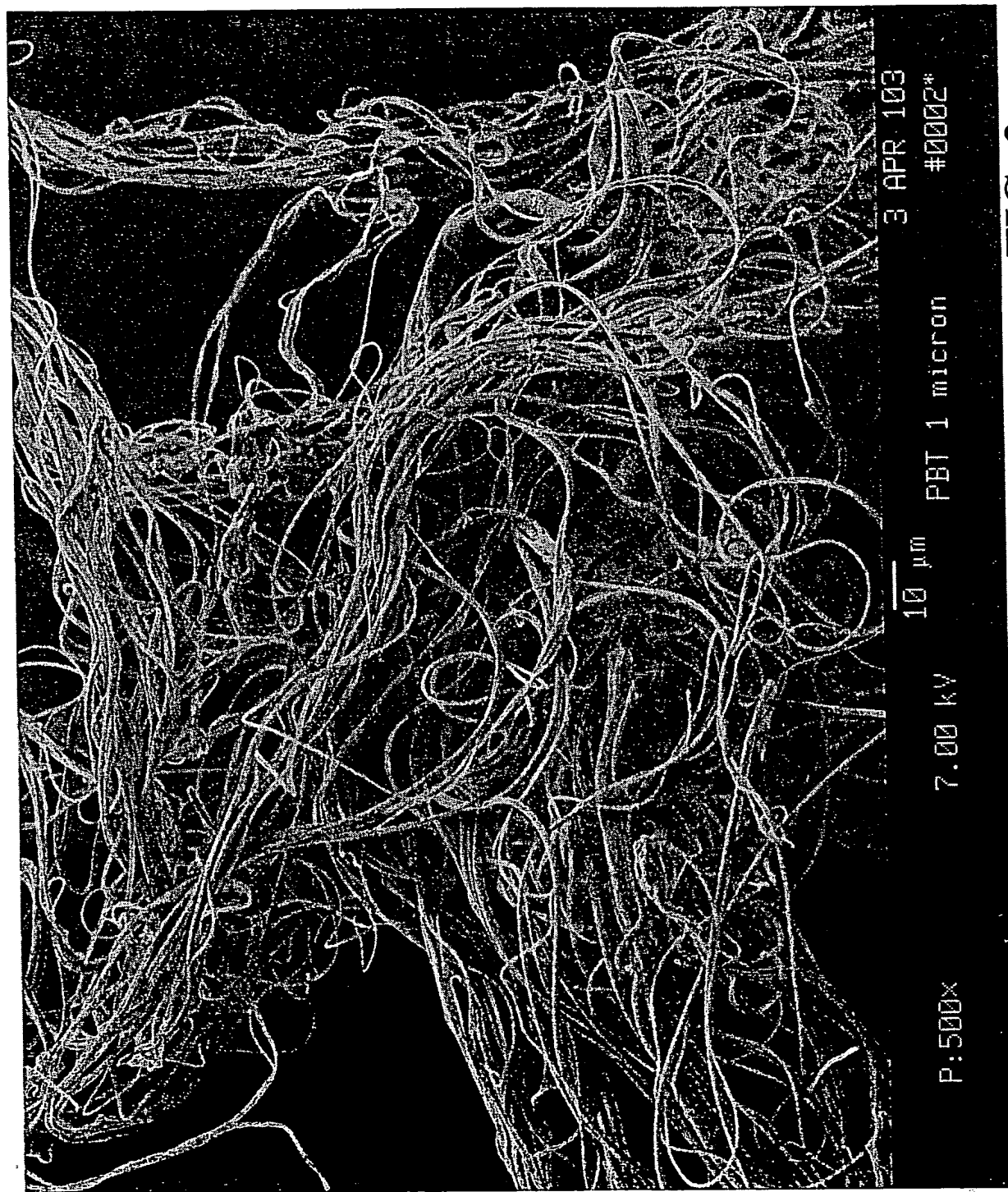
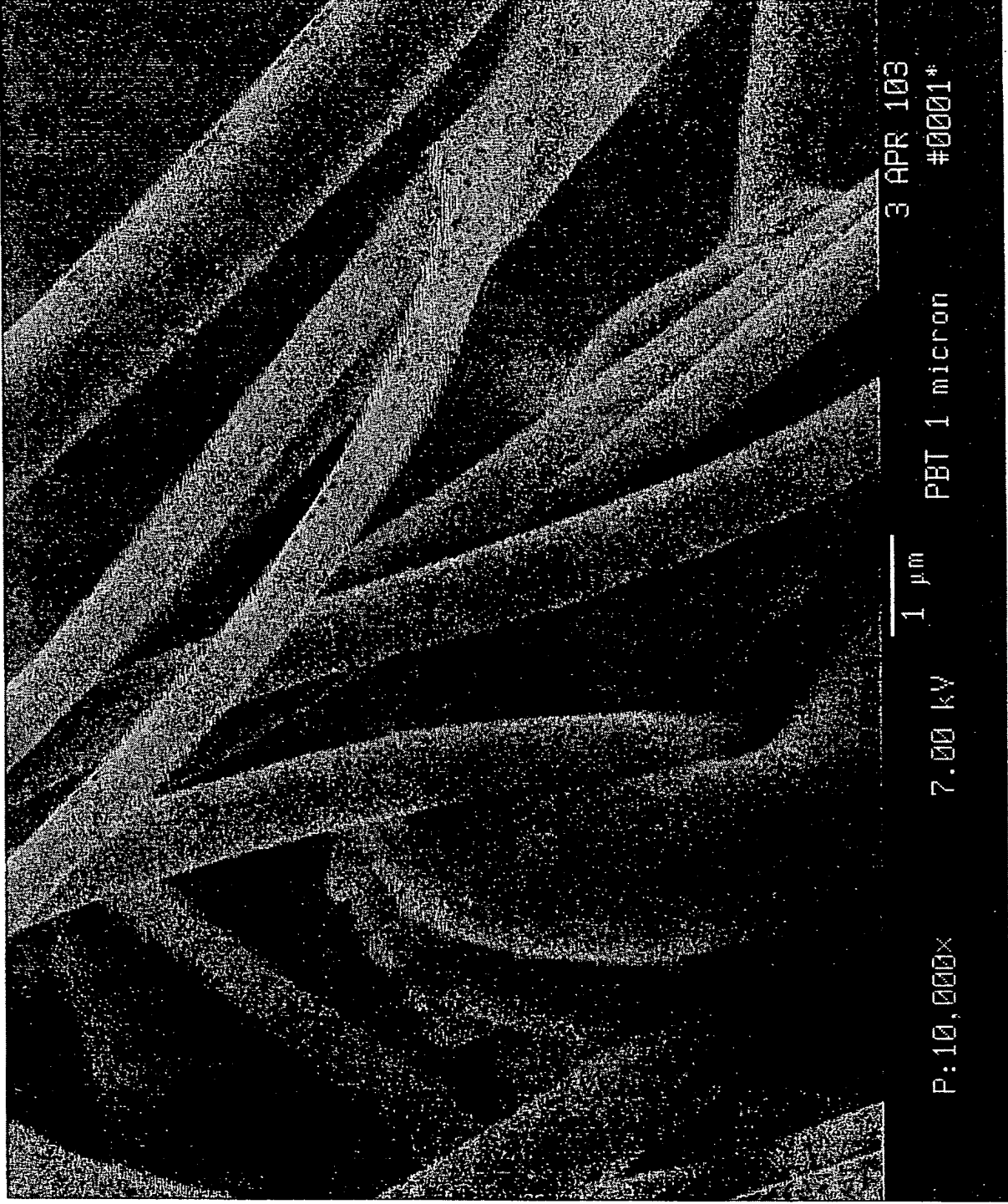


FIG. 2



1 micron PBT

FIG. 3

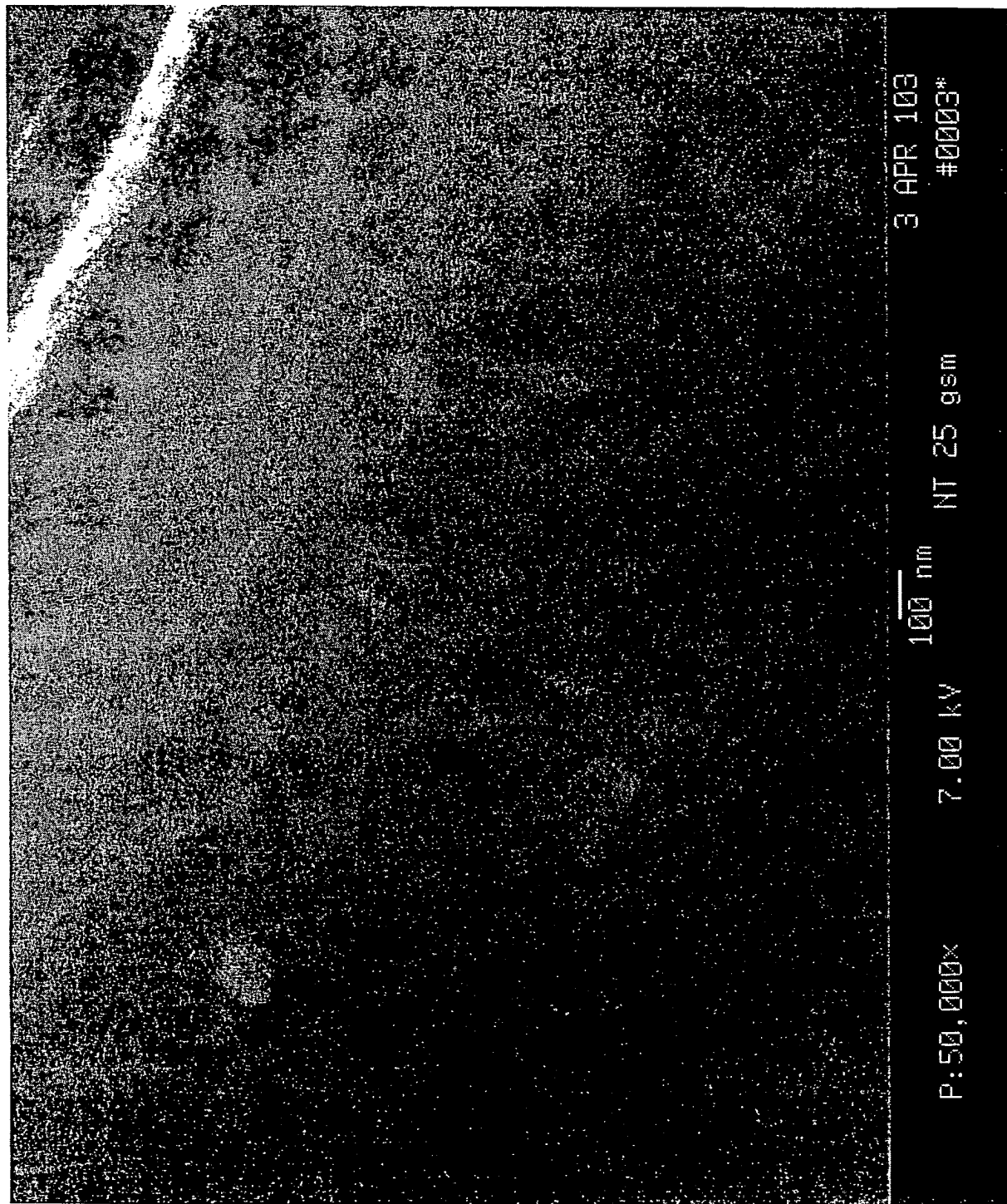
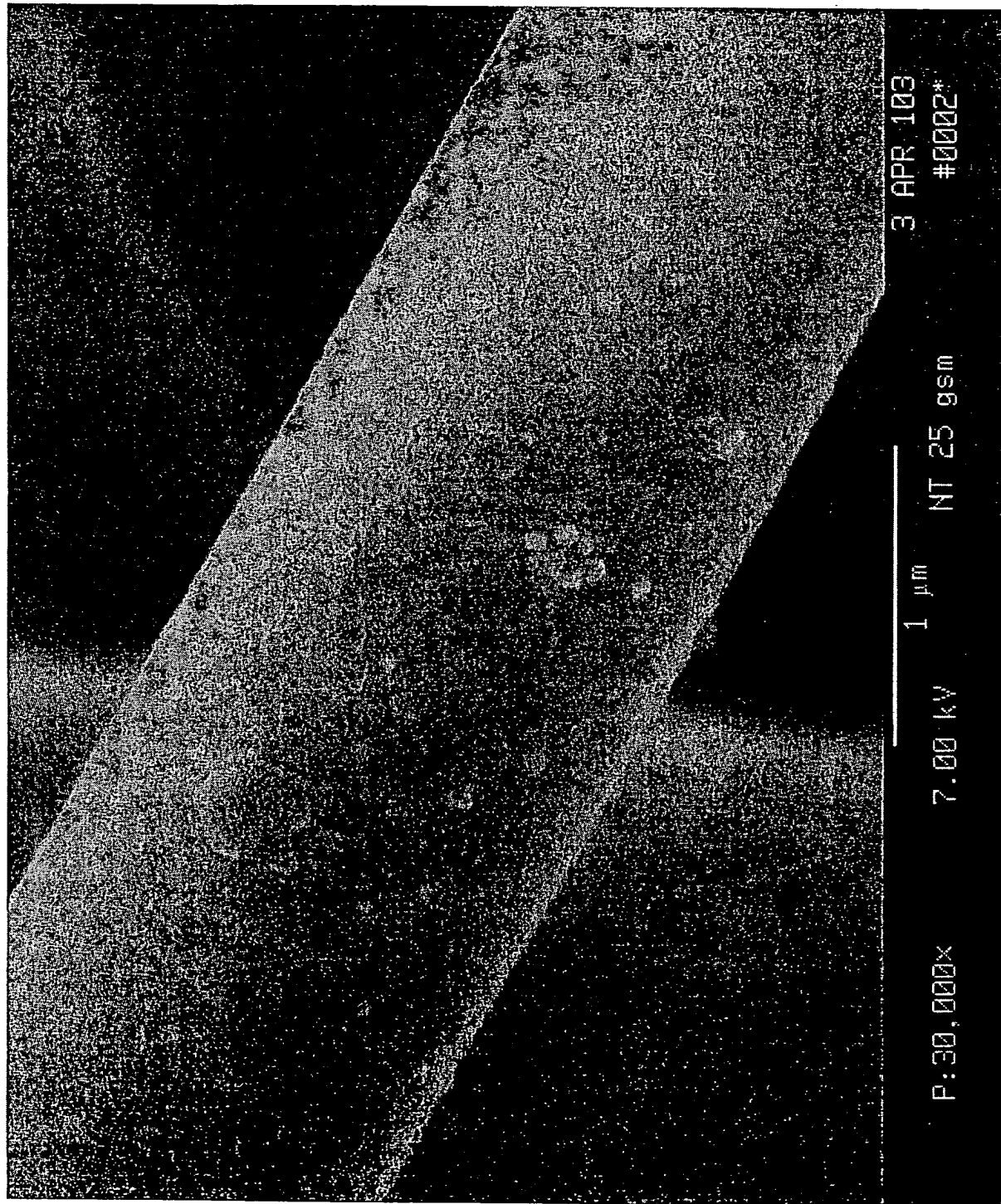


FIG. 4

Not Treated PP

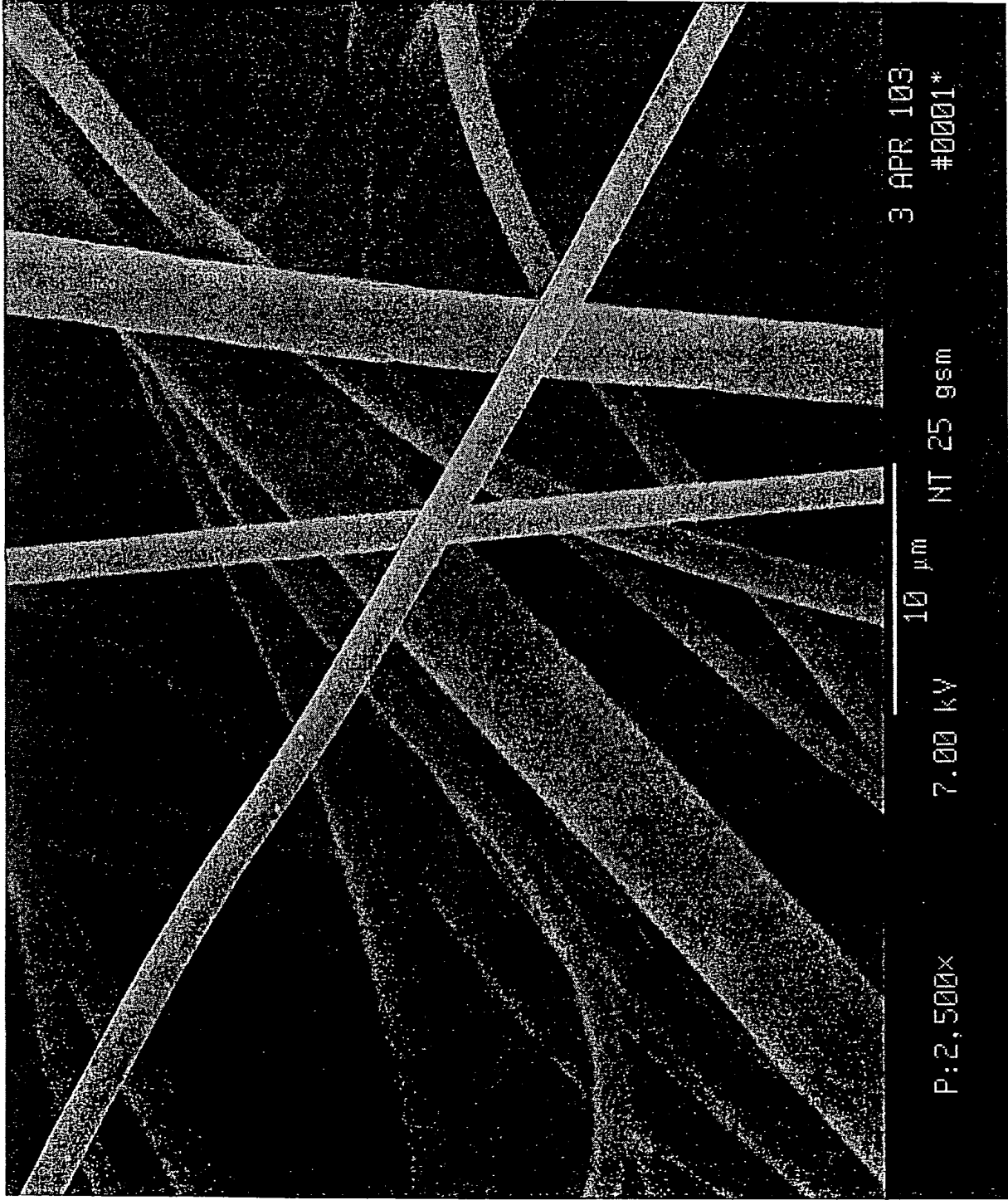


NT PP fibers

FIG. 5

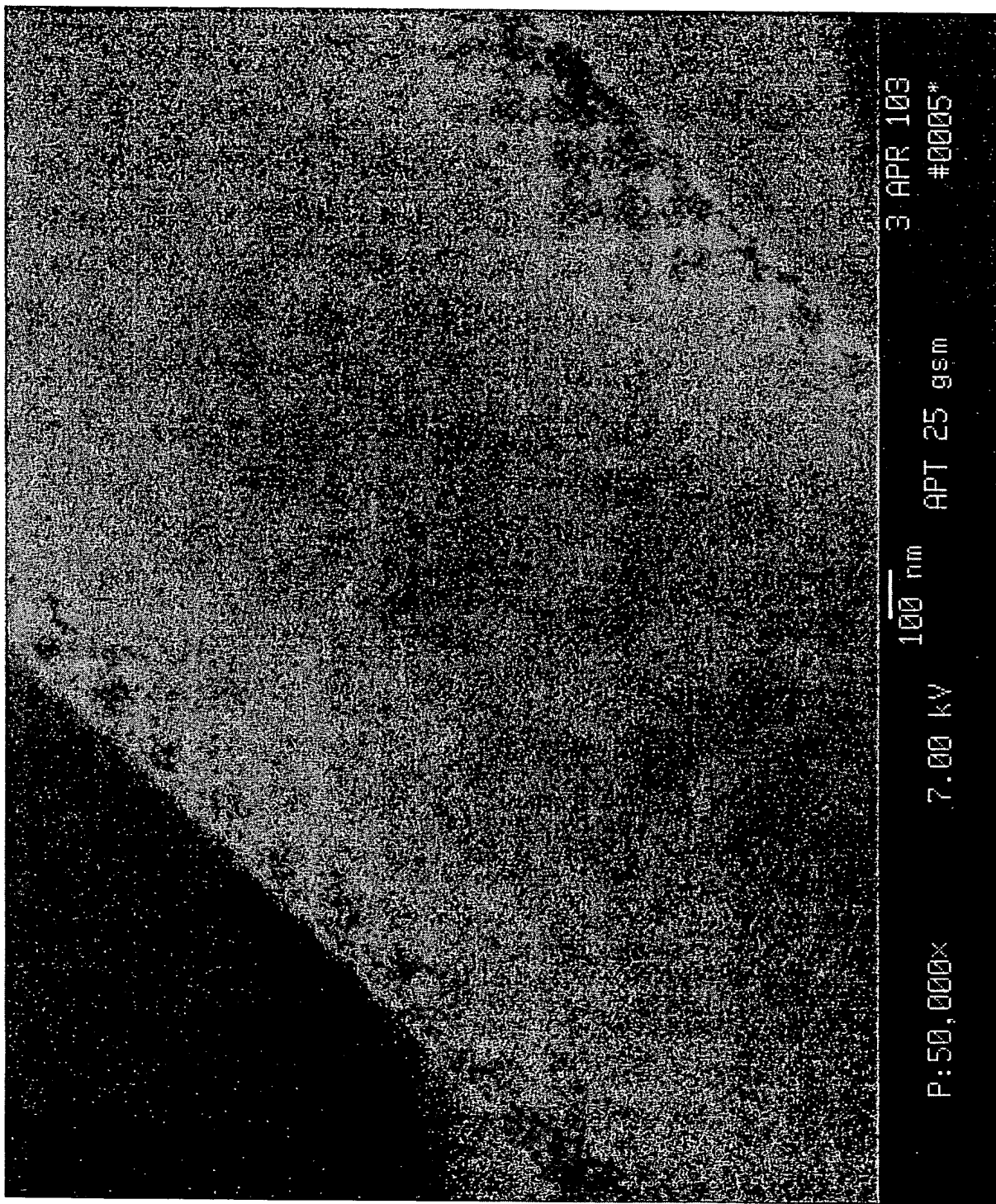


FIG. 6



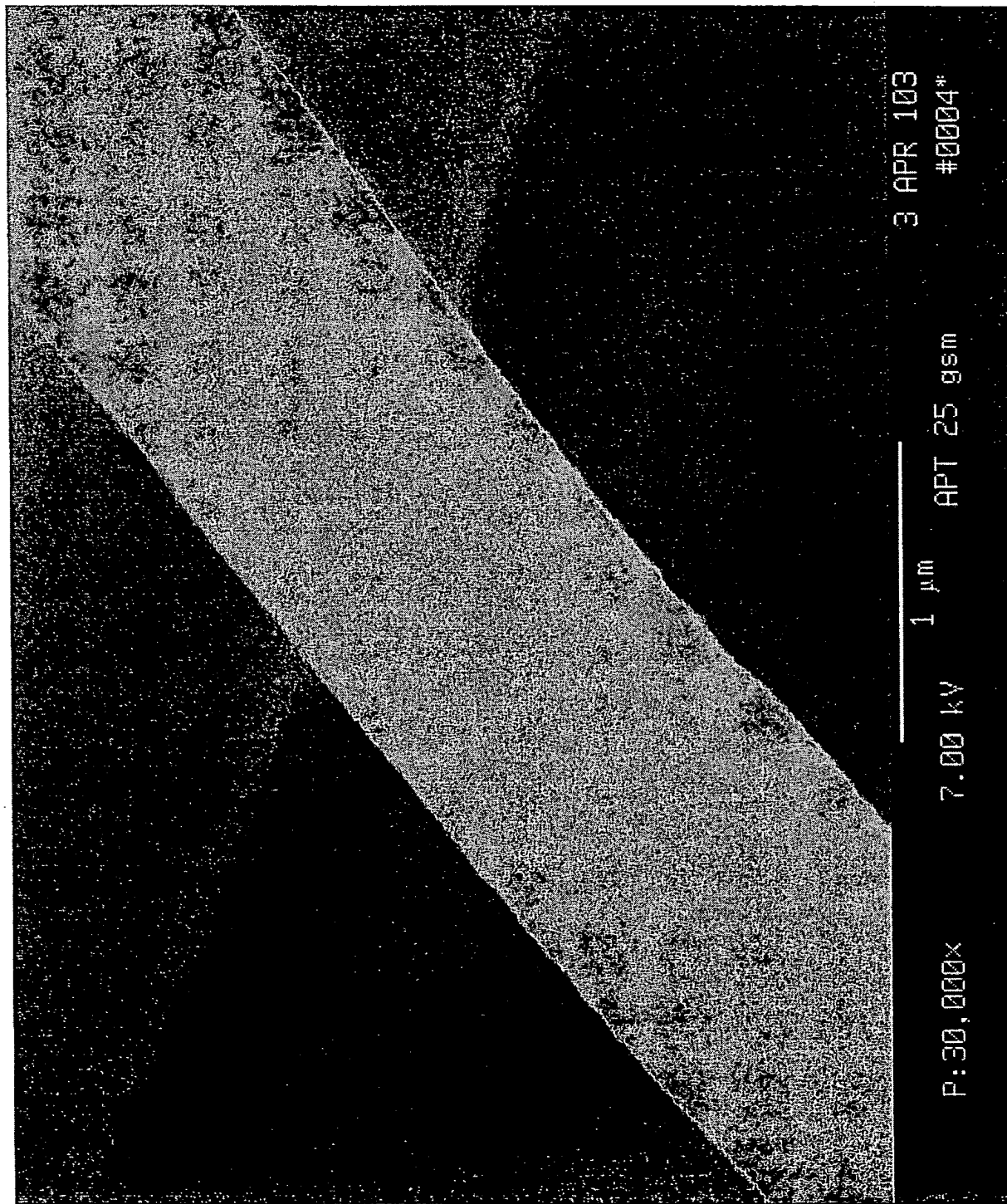
NT PP Fibers

FIG. 7



Atmospheric plasma treated

FIG. 8



3 APR 103
#0004*

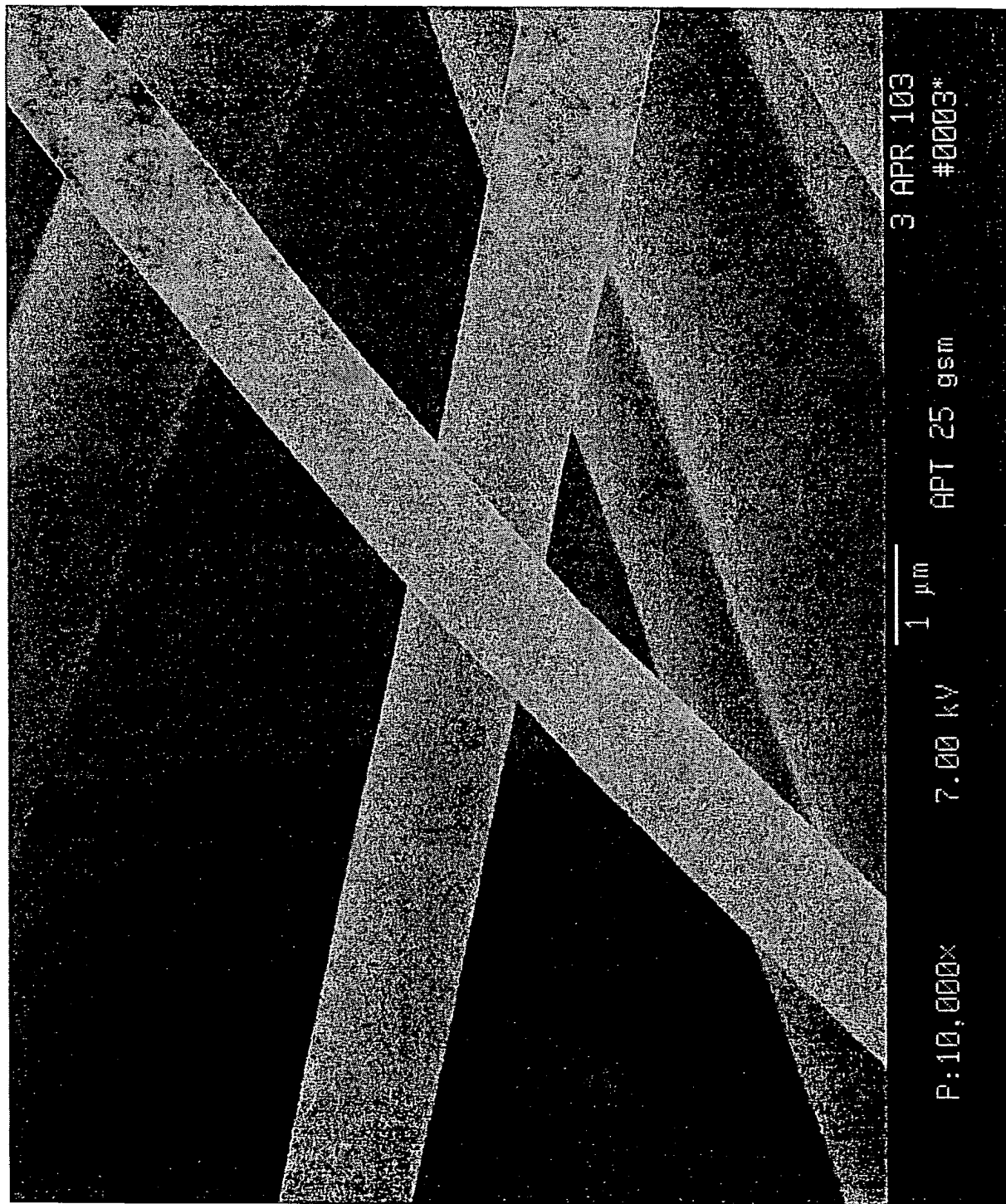
1 μ m APT 25 gsm

7.00 kV

P:30,000x

APT

FIG. 9



APT

FIG. 10

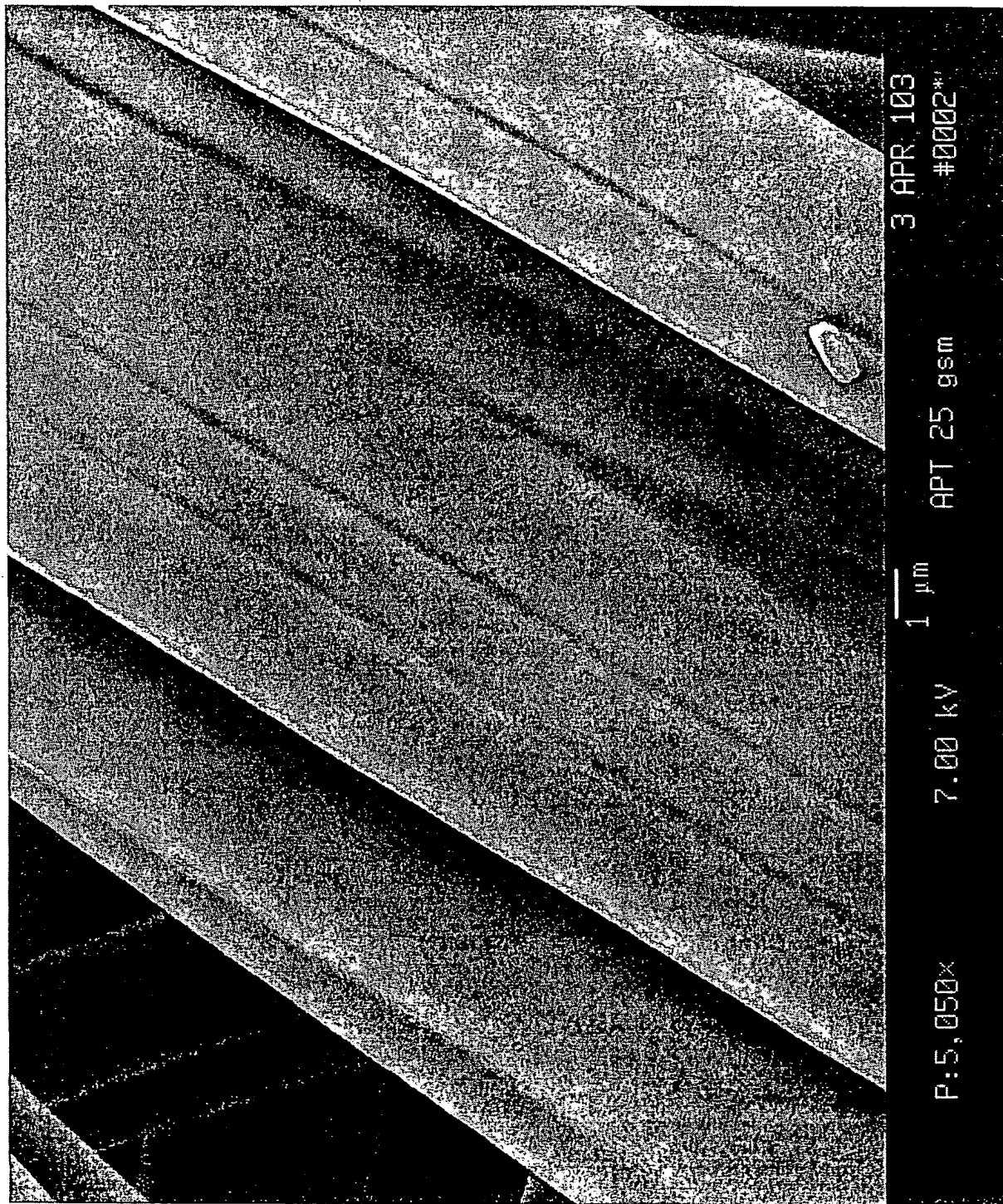
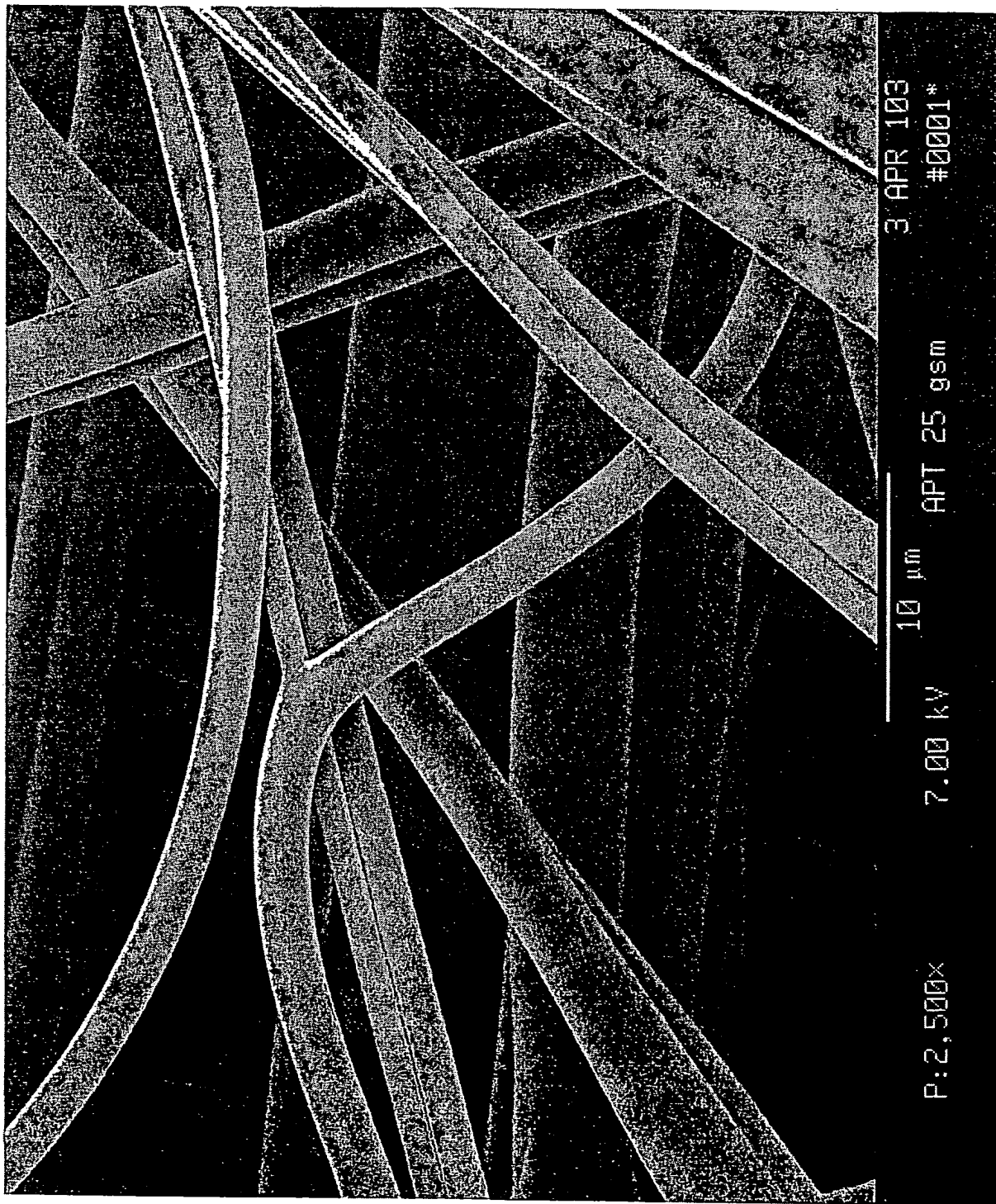


FIG. 11

APT



APT

FIG. 12

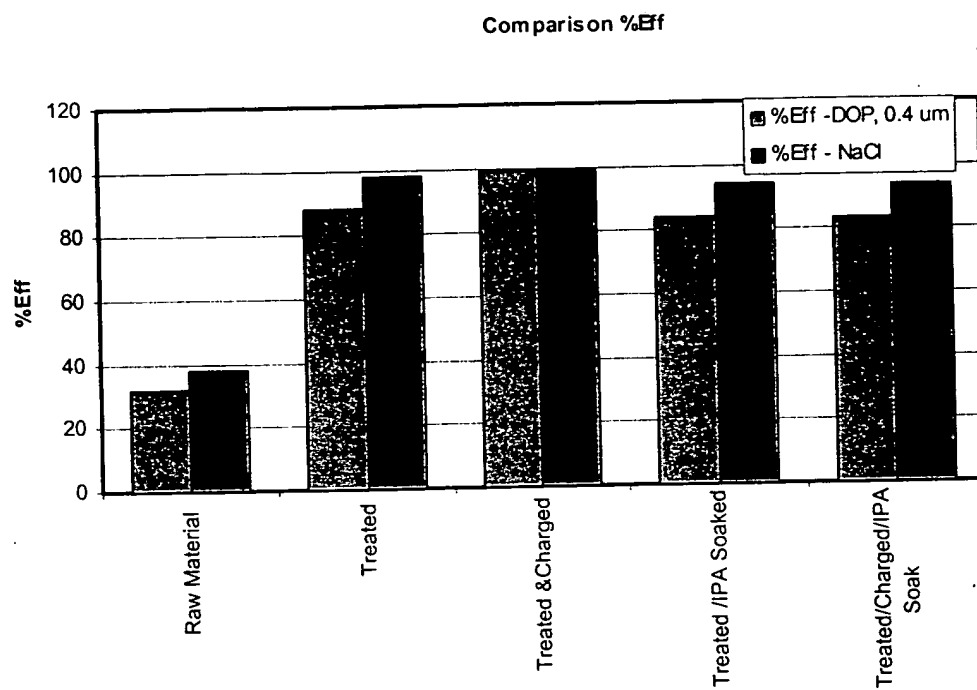


Fig. 13